Title: "Railcar Condition Inspection Database" (Moser, et al.) Attorney: Stephen T. Scherrer (Reg. No. 45,080) Tel: (312) 372-2000 Fax: (312) 984-7700 Sheet 1 of 9 Docket No. 47440-044001 -10 INSPECT RAIL EQUIPMENT -12 INPUT RAIL EQUIPMENT DATA ADD INSPECTOR'S CAR CONDITION ENTRY NAME TO DATABASE 18 INPUT RAIL EQUIP. ID 14 -20 INPUT INSPECTION DATA ADD A NEW RECORD UPDATE PAST RECORD TO DATABASE -52 RECALL CHANGE 50 **PAST INFORMATION** RECORD **CHOOSE ENTER ENTER ENTER** CHOOSE **INSPECTOR'S** LOCATION OF TYPE OF INSPECTION **STORAGE** DATA LOCATION INSPECTION NAME FROM RAIL CAR LIST 30 34 32 26 28 **GENERATE DIRECT TO** REPAIR CUSTOMER? -38 DISPOSITION 44 40 **MOBILE REPAIR** 36 CALCULATE UNIT? REPAIR COST **ESTIMATE** SHOP? 54 46 42 **ENTER** SAVE **OTHER** FIG. 1 **RECORD IN INFO** DATABASE (COMMENTS)

Filing Date: February 13, 2002

Appln. No. 10/075,065.

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Sheet 2 of 9

Docket No. 47440-044001

FIG. 2

	Box Car Co	ondition Report		: MM/DD/Y
Car Numb	Ins	spector:		;: TT:TT:TT tion:
Car Numb: Date:				
Upmarket per SOW?:		orage Location: OW Number:	*SOW = Scope	of Work
Car Body	Side sheet dents			
	Broken welds		•	
	Car Body Corrosion	<u> </u>		
	End sheets bowed n	•		
	Side post interference		<u>:</u> ——	
L = ali	Evidence of roof leal		<u>:</u>	
<u>Lading</u>	Car equipped with la		•	
	Car equipped with lo	:		
r=1	Load dividers inoper		<u> </u>	
Floor	Broken or missing flo		:	
	Light showing throug	in tioor	·	
	Protrusions		<u>: ——</u>	
	Dents greater than 1	inch	·	
	Missing caulk		· · · · · · · ·	
		s, odors, dirt, old cmd	' <u></u>	
Intonion \A/alla	Old commodity		·	
Interior Walls	Large dented areas		<u>:</u>	
	Loose, broken welds		<u>:</u> ——	
	Sharp edge or protru		<u> </u>	
	End lining bent over		·	
D	Lining contamination		<u>:</u> ——	
<u>Doors</u>	Bent or broken door	track & retainers	<u> </u>	
	Missing hardware		· ——	
	Door leaks		<u>:</u> ——	
Cuahianina	Inoperable		-	
Cushioning	Defective cushioning		*	
<u>Trucks</u>	Friction casting wed	ge rise	:	
	Worn gibs		•	
	Broken springs	-	•	
Ctruotural	Defective center plat Center sill bent	e	·	
Structural	· · · ·			
Exterior Paint	Customer logo's		•	
	Graffiti		·	
Interches D-	Paint condition		·	
Interchange De			· ———	
Overall Condition			:	
Repair Dispositi	<u>ON</u>		•	

Comments:

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Filing Date: February 13, 2002

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Sheet 3 of 9

Docket No. 47440-044001

FIG. 3

	Hopper Car Condition Report			Date : MM/DD/YY Time : TT:TT:TT	
Car Numb:	Ir	Inspector:Storage Location:SOW Number:			
Date:	S				
Upmarket per S	SOW?: S			_ *SOW = 3	Scope of Work
Car Body	Side sheet dents Broken or loose rur Broken Welds Corrosion	nning board	 Is	: :	
Lading	Missing, broken, lo- Leaking gates / hat Abrasions or cut ga Broken hatch cover	ches askets	r casting		
<u>Lining</u>	Car lined ? Y/N : Lining Condition Rust bleed Loose or flaking are			Lining Date	: MM/DD/CCYY
<u>Interior</u>	Stains or discolorat Evidence of leaks Broken partition we Old commodity	ion			
Condemnation	Rust			•	
<u>Trucks</u>	Porosity, undercut value Intermittent or cault Suitable for line Friction casting were Worn gibs	ked welds ning?	Y/N		
Structural Exterior Paint	Broken springs Defective center pla Center sill bent Customer Logo's Graffiti Commodity spillage				
Interchange Der Overall Condition Repair Dispositi	<u>on</u>				
Comments:	<u>IOH</u>			•	-

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General Purpose Tank Car Condition Report
                                                           Date: MM/DD/YY
                                                           Time: TT:TT:TT
                                               Inspection Location:
Car Mumb:
                        Inspector:
         MAK/DD/CCTY
Date:
                        Storage Location :
Upmarket per SOW ? :
                       SOW Number:
Car Body Shell bent or buckled
          Jacket bent, buckled or corroded
Bottom Outlet Valve
          Require application of skid protection:
          Missing or defective caps and chains :
Top Valves and Accessories
          Missing or non-approved valves
          Corroded or inoperative valves
          Require eduction pipe reinforcement
                                                       Y/W
Geskets
          Gaskets worn, broken or missing
          Car lined ?
ومنمنا
                          Y/N :
                                         Lining Date
                                                         = MM/DD/CCYY
          Lining Condition
          Rust bleed
          Loose or flaking areas
          Stains or discoloration
Interior Rust
          Corrosion
          Interior residue or film
          Water present
Linable condition Suitable for lining? Y/N
          Require weld overlay repair
          Requires tank insert repairs
          Porosity, undercut welds
          Brackets, sharp edges or transitions
          Friction casting wedge rise
Trucks
          Worn gibs
          Broken springs
          Defective center plate
Structural Center or stub sill bent
Exterior Paint Customer Logo's
          Graffiti
          Commodity spillage
          Paint Condition
Interchange Defects
Overall Condition
Comments:
```

Filing Date: February 13, 2002

Appln. No. 10/075,065

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Sheet 5 of 9

Docket No. 47440-044001

Comments

FIG. 5

Оре	en Top Hooper & (Gondola a Car Condition	on Report	Date: MM/DD/YY		
Car Numb:		Inspector:	Inspectio			
Date:		Storage Location:	-			
Date: Upmarket per SOW?:		SOW Number:	*SOW=	*SOW = Scope of Work		
Car Body	End and side sh	eets broken	:			
	End and side sh	eets bowed	:	_		
	Top chords bow	red	:			
	Broken welds		:	_		
	Corrosion		:	_		
<u>Lading</u>	Leaking gates		:			
	Gates inoperabl	е	:	_		
<u>Interior</u>	Broken floor she	eets	:	_		
	Broken supports	3	:	_		
	Broken corner c	aps .	:	_		
	Interior corrosion	n .	:			
	Old Commodity		•	_		
Trucks	Friction casting	wedge rise	:	•		
	Worn gibs	•	•	-		
	Broken springs		•	-		
	Defective center	r plate	•	•		
Structural	Center sill bent	•	•	-		
Exterior Paint	Customers Logo	o's	:	-		
	Graffiti		:	-		
	Commodity spill	age	:	•		
	Paint condition	3	:	-		
Interchange De	efects		:	-		
Overall Condition		:	•	-		
Repair Disposit			•	-		
			·	-		

Date: MM/DD/YY Time: TT:TT:TT

Comments:

```
=
Car Numb:
                         Inspector:
                                                 Inspection Location:
         MM/DD/CCYY
Date:
                         Storage Location:
Upmarket per SOW ? :
                       SOW Number: .
Car Body Side sheet dents and/or hammer marks
          Broken Welds
          Corresion
          Roof sheet buckles
Outlet Gates need upgrade modification :
          Gates difficult to operate, need att. :
          Missing or defective hardware
          Gates & tubes req. buffing/other attn.:
Hatch Covers Require vented hatch covers
          Batch covers req. latch upgrade
          Broken hatch covers
          End vents require attention
          Manway rings req. buffing/other attn. :
         Hatch cover gaskets requires attn. Car' lined ? Y/N :
Lining
                                              Lining Date : 191/DD/CCYY
          Lining condition
          Rust bleed
          Loose or flaking areas
          Stains or discoloration
Interior Evidence of leaks
          Broken partition welds
          Old commodity
          Rust
          Condensation
          Porosity undercut welds
          Brackets, sharp edges or transitions
Intermittent or caulked welds
          Deep discoloration from old commodity :
          Suitable for lining ?
          Vents req. modification/ other attn.
Vents
Trucks
         Friction casting wedge rise
          Worn gibs
          Broken springs
Defective center plate
Structural Center sill bent
         Exterior Paint Customer logo
          Graffiti
         Commodity spillage Paint condition
Interchange Defects
Overall Condition
Repair Disposition
```

Plastic Pellet Car Condition Report

F16.6

Date: MM/DD/YY

Time: TT:TT:TT Inspection Location: Car Numb: Inspector: MAM/DD/CCTF _ Storage Location : Date: Upmarket per SOW ? : SOW Number: Car Body Side sheet demts and/or hammer marks Broken or loome running Broken welds Corresion Roof sheet bunkles Outlet System Bone gage box & hardware Defective pigning, couplings & swivels : Butterfly values broken/sign of leakage: Defective blow down Missing/defective pipe caps 4 gaskets : Wet and/or dirty aerator pads Broken or stammed aerator pads Hatch Covers Defect/missing hatch cover hardwar: Defective/misscing hatch cover gaskets : Broken hatch covers Car lined ? Y/N : Lining Deste : MM/DD/CCYY Lining Rust bleed Loose or flaking areas Stains or dismoloration Lining Condition Interior Evidence of Leaks Old commodity Rust Condensation Porosity undercut welds Brackets, shamp edges or transitions Intermittent or caulked welds Deep discoloration from old commodity : Suitable for lining ? Trucks Friction castming wedge rise Worn gibs Broken springs Defective center plate Structural Center sill bent Exterior Paint Customer logo Graffiti Commodity spillage Paint condition Interchange Defects Overall Condition Repair Disposition Comments:

Pressure Differential Car Condition Report

F16.7

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Filing Date: February 13, 2002

Appln. No. 10/075,065

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Sheet 8 of 9

Docket No. 47440-044001

FIG. 8

	Pressure 1a	ank Car Condition Re		MINI/DD/YY
Car Numb:	In	spector:		TT:TT:TT on:
Date:	St	orage Location:	•	
Upmarket per S	St SOW?:S	OW Number:	*SOW = Scope o	of Work
Car Body	Shell bent or buckle	: ed	:	
	Jacket bent, buckle	d or corroded	: <u></u>	
	Corrosion		;	
	Roof sheet buckles		:	
Top Valves & A	ccessories		-	
	Missing or non-appr	roved valves	:	
	Corroded or inopera		:	
	Missing or defective	plugs and chains	: <u></u>	
<u>Gaskets</u>	Gaskets worn, broke		:	
Interior	Rust		:	
	Corrosion		:	
	Interior residue or fil	lm	:	
<u>Trucks</u>	Friction casting wed	lge rise	:	
	Worn gibs			
	Broken Springs		:	
	Defective center pla	ite	<u>:</u>	
<u>Structural</u>	Center or stub sill be	ent	:	
Exterior Paint	Customer Logo		·	
	Graffiti		:	
	Commodity spillage		•	
	Paint condition		•	
Exterior Coating	a Exterior cleaning re-	q. (DÒT)	•	
	Thermobond protect	tion	:	
	Thermobond protect	tion repairs	:	
Interchange De	<u>fects</u>	-	•	
Overall Condition	<u>on</u>		:	
Comments				

PRINT OF DRAWINGS, AS ORIGINALLY FILED

__Condition_Form

Car Number:	Inspector:	Inspection	Location:	
Upmarket per SOW ?	SOW Number: *SC)II = Scope of	H'ork	
Car_Body:	Side sheet dents		:	
	Broken welds		:	
	Car body corrosion		:	
Lading:	Trailer Hitches		:	
	Tie Down and Load Restraining	Devices	,	
Floor:	Broken or missing flooring		:	
Cushioning:	Defective cushioning or draft	units	:	
Trucks:	Friction casting wedge rise		:	
	Worn gibs		:	
	Broken Springs		:	
	Defective center plate		:	
Structural:	Center sill bent		:	
Exterior Paint:	Customer logo's		:	
	Graffiti		:	
	Paint condition		:	
Interchange:			:	
Overall Condition:	2010000		•	
overall_condition.			-	
Repair_Disposition:			:	
Comments:				

F16.9